

GCRSKI, J. (Krakow)

Remark on a certain theorem of H.J. Bremermann. Annales Polonici mathematici
11 no.3:225-227 '62.

GORSKI, Jerzy

On the E. Levi's condition of the analytic convexity of a domain
in the space of two complex variables. Prace Matem Krakow no.7:
31-34 '62.

POLAND

GORSKI, Jerzy; Chair of Microbiology, Veterinary College, Agricultural University (Katedra Mikrobiologii Wydziału Wet. WSR,) Head (Kierownik) Prof Dr Tadeusz JASTRZĘBSKI, Lublin.

"Study of Infectious Encephalitis in Foxes (and Infectious Hepatitis in Dogs) in Poland. Part 1. Isolation of Virus from Laboratory-Bred Foxes in Tissue Culture."

Lublin, Medycyna Weterynaryjna, Vol 21, No 11, Nov 65; pp 652-656.

Abstract [English summary modified]: Report of isolation of virus of infectious encephalitis in foxes, from brain of fox with fatal case of disease, growth in canine renal tissue culture; apathogenic in mice and guinea pig but causing formation of neutralizing antibodies in latter; injection into anterior eye chamber of dogs produced clouding but no other symptoms. Photograph of dog; 2 photomicrographs; 3 graphs; 11 Polish, 2 Soviet and 15 Western references.

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EXCERPTA MEDICA Sec.6 Vol.11/2 Internal Med. Feb.57
GORSKI J.

821. GORSKI J. Z Odd. Wewnetr. Chor. Zawodowych Inst. Med. Pracy, Przemyśle Węglowym i Hutniczym, Zabrze. *Zmiany w krzywej balistokardiograficznej, powstające podczas przebywania w gorącym mikroklimacie. The BCG changes occurring in a hot micro-climate MED.
PRACY 1956, 7/1 (23-24) Graphs 3 Tables 4

Studies were carried out on 50 mine first-aid workers who remained during 2 hr. in a thermal chamber with a temperature of 50° C. and a relative humidity of 70%. The pulse rate increased, the blood pressure decreased and the capillaries became dilated. In the BCG an increase of the amplitude was seen and in the ECG a flattening of the T-wave.

GORSKI, Jannus (Zabrze, Inst. Med. Pracy Oddzial Chor. Zawodowych ul. 3 Maja 13)

Ballistocardiography in silicosis. Polski tygod. lek. 12 no.22:830-833 27 May 57.

1. Z Oddzialu Chorob Zawodowych Instytutu Medycyny Pracy w Przemysle
Weglownym i Hutniczym w Zabrzu; kierownik: prof. dr. med. W. Zahorski.
(SILICOSIS, physiology,
ballistocardiography (Pol))
(BALLISTOCARDIOGRAPHY, in var. dis.
silicosis (Pol))

GÓRSKI, S

EXCERPTA MEDICA Sec.18 Vol.2/4 Cardiovascular Dis. Apr 58

938. *Influence of pleuropneumothorax on the ballistocardiogram* Wpływ odmy oplucnej na balistokardiogram. GÓRSKI J. and SMOLARZ W. 2. Klin. Chorób Wewn. Śląskiej Akad. Med., Zabrze Pol. Tyg. lek. 1957, 12/33 (1273—1276) Graphs 1 Tables 4

Ballistographic investigations, conducted on 60 patients with pulmonary tb treated with artificial pleuro-pneumothorax, showed in 60% (36 patients) before the completion of pleuropneumothorax and in 79% (47 patients) after its completion an irregular picture of the ballistocardiographic curve. The most frequent changes were: excessive oscillations of the amplitude of deflections depending on the respiration phase and high deflections during the heart diastole. The ECG performed before the completion of pleuropneumothorax showed abnormalities in 6 cases only. The results obtained show a great influence of extracardiac factors on the ballistocardiographic curve.

(XVIII, 6, 15)

EXCERPTA MEDICA Sec 18 Vol 3/8 Cardio. Dis. Aug 59

2010. The influence of high temperature on the human ECG Elektrokardiogram podczas przebywania w wysokiej ciepłocię mikroklimatu. GORSKI J. and SROCZYNSKI J. II. Klin. Chorob Wewnetr. Śląskiej Akad. Medycznej, Zabrze. Med. Pracy 1958, 9/5 (373—378) Tables 3

Thirty-nine miners aged from 21-40 yr. were subjected to the high temperature of +50°C. and to 50% relative humidity in an experimental chamber. After preliminary examinations (history, physical examinations, arterial blood pressure) the ECG was made 3 times — before during and after the experiment. During the experiment the majority of ECG tracings showed shortening of PQ and QT intervals and the flattening of T-waves. The elevation of deflections P₁ and P₂ and the rotation of the

2010

electric axis to the right were also observed. The authors try to explain these changes by the increase of the tonus of the sympathetic nervous system. They emphasized too that tracings return to the previous level after different periods from the end of the experiment.
(XVIII, 6, 17*)

SROCZYNSKI, Jan; GORSKI, Jannosz; MAREK, Kazimierz

A case of myocardial infarction in a 27-year-old male. Polskie arch.
med.wewnetrz. 29 no.12: 1677-1683 '59.

l. z II Kliniki Chorob Wewnętrznych Sz. A.M. Kierownik: prof. dr.
med. W. Zahorski.
(MYOCARDIAL INFARCT case reports)

SROCZYNISKI, Jan; ZURKOWSKI, Andrzej; GORSKI, Janusz

- A case of WPW syndrome in auriculo-ventricular block. Pol.
arch. med. wewnet. 33 no.11:1289-1296 '63.

1. Z Kliniki Chorob Wewnetrznych i Zawodowych Slaskiej AM.
Kierownik: prof. dr. med. W. Zahorski.

*

GORSKI, Jozef, prof. dr

Role and scope of usages according to the Polish Maritime
Code. Tech gosp morska 14 no.1:9-10 Ja'64.

1. Uniwersytet im. Adama Mickiewicza, Poznan.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320018-5

GORSKI, Jozsef, prof. dr

Review of publications Tech gosp morska 15 no.3:109-111
Mr '65.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320018-5"

GORSKI, KONRAD.

Z historii i teorii literatury.

Wroclaw, Poland Państwowe Wydawn. Naukowe, 1959. 378 p.

Monthly List of East European Acquisitions, (EEAI) LC, Vol. 9, No 1, Jan. 1960
Uncl.

GORSKI, Konrad

Juliusz Kleiner's Slowacki monograph. Review Pol Academy 5 no.1:18-31
Ja-Mr '60. (EEAI 10:3)

(Slowacki, Juliusz) (Kleiner, Juliusz)
(Polish literature--History and criticism)

Gorski, L.

RYS, R.; GORSKI, L.; STYCZYNSKI, H.

Ammonia formation in the rumen of sheep fed with various diets.
Acta biochim. polon 4 no.3:147-164 1957.

1. Z Instytutu Zootechniki w Krakowie Kierownik Zakladu: prof. dr Z. Ewy.
(STOMACH, physiol.)

ammonia form. & nitrogen balance in rumen of sheep fed
with various diets (Pol)
(AMMONIA, metab.)

rumen of sheep, form. & nitrogen balance in sheep fed with
various diets (Pol)

POLAND / Farm Animals. Poultry.

Q-6

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 64555

Author : Gorski, L.; Niewiarowicz, A.; Hojan, U.; Niezgoda, A.

Inst : Not given

Title : Experiments in the Utilization of Vitamin B₁₂ (APF) and Penicillin for the Industrial Fattening of Chickens.

Orig Pub : Przegl. jajcz.-drob., 1957, 5, No. 3, 17-18; No. 5, 20-21.

Abstract : Chicks receiving vitamin B₁₂ in their rations, when aged 1 to 2 months, showed a higher increase of live weight than the control ones, but at the age of 3-4 months, yielded to the latter as regards weight gain. The combination of B₁₂ with penicillin increased the gains of chicks even at the age of 5-6 months. A higher food conversion was observed both when B₁₂ was fed alone or in combination with penicillin, especially when the rations were lacking in animal protein.

Card 1/1

SZUMAN, Jerzy; GORSKI, Lech; LUBAWA, Urszula

Influence of the season upon the growth rate of goose feathers.
Roczniki Wyższa Szkoła Rol Poznań no.12:79-95 '62.

1. Zakład Hodowli Drobui i Zwierząt Futerkowych, Wyższa Szkoła Rolnicza, i Przemysłowe Laboratorium Badawcze Przemysłu Jajczarsko-Drobiarskiego, Poznań.

GORSKI, Lech

Studies on the development of the plumage of growing geese
as a basis for the determination of their age. Rocznik
roln zootechn 84 no.3:639-663 '64.

1. Research Laboratory of the Association of Egg and Poultry
Industry, Poznan-Junikowo.

GORSKI, Leszek, mgr inz.

Directives for the economical designing of electric network
installations. Energetyka Pol 14 no.3:80-84 Mr '60. (EEAI 9:8)
(Poland--Electric networks)

P/039/60/000/007-8/001/004
A177/A026

AUTHORS: Florkowski, Tadeusz, Master of Engineering and Gorski, Ludwik,
Master of Engineering

TITLE: Contactless Isotope Thickness-Measuring Apparatus for Hot-Rolled
Steel Sheets M

PERIODICAL: Hutnik 1960, No. 7-8, pp. 273-278

TEXT: In the first part of this article, the authors explain the well known principles on which the non-destructible method of measuring metal sheet thickness is based. They also compare the advantages and disadvantages of X-ray or radio-isotope application for such measurements. The comparison shows the superiority of isotopes. The source of radiation energy is smaller and more compact, no water cooling is required, the source of radiation is absolutely steady, its exploitation is cheaper and it is less vulnerable. In the second part of the article the authors describe the prototype of such a measuring device, designed by them and built at the Akademia Gorniczo Hutnicza, Katedra Fizyki II (Mining and Metallurgical Academy, Department of Physics II) in Cracow. The instrument was successfully tried out at the Huta im. Lenina (Metallurgical Plant) in Nowa

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P/039/60/000/007-8/001/004
A177/A026

Contactless Isotope Thickness-Measuring Apparatus for Hot-Rolled Steel Sheets

Huta. The device consists of a radiation source, in this case Cs¹³⁷ of about one Curie activity. Its 1/2 decay term is 33 years and the radiation energy is 661 kev. Radiation intensity, after having passed through the metal sheet, is picked up by a sodium iodide cristal in a scintillating counter and is transformed by a photo intensifier into electric impulses. These in turn are recorded on a paper tape and indicated on a dial indicator. This device can measure continuously the thickness from 2-12 mm at a speed of the measured sheet of 10 m/sec. At this range of thickness, the accuracy of measurement is - 0.04 mm. After certain modifications, this device can be used for measurement of thickness up to 40 mm. In that case Co⁶⁰ isotope of a higher radiation will be used. The device is mounted on a carriage which allows it to be moved across the metal sheet leaving the last set of rollers. There are 4 figures, 3 photos, 9 references: 5 English, 1 German, 1 Soviet and 2 Polish.

ASSOCIATION: Akademia Gorniczo Hutnicza (Mining and Metallurgical Academy) in Cracow

Card 2/2

DENIKIEWICZ, Wladyslaw; GORSKI, Ludwik

Artificial radioactive isotopes and their clinical application.
Polskie arch. med. wewn. 26 no.1:77-101 1956.

1. Z I Kliniki Chorob Wewnętrznych A. M. w Krakowie Kierownik:
prof. dr. med. L. Tochowicz Krakow, ul. Kopernika 17 I Klin.
Chor. Wewn. A. M.
(ISOTOPES
med. uses. (Pol))

Country	: Poland	F
Category	:	
Abs. Jour	:	45684
Author	: Gorski, L. and Wojcik, K.	
Institut,	: Not given	
Title	: Description of Apparatus for the Quantitative Analysis of Electrophoregrams	
Orig Pub.	: Chem Analit. 3, No 2, 137-146 (1958)	
Abstract	: The authors have reviewed existing apparatus and describe the construction of a device (D) of their own design for the quantitative analysis of electrophoregrams (EP). Two variants of the D have been developed using different directions of illumination of the EP (from above and from below). The light source used consists of a NaE-24 sodium lamp mounted on a ruler with a scale which can be moved along the EP by means of a simple device (used with drafting tables).	

Source: 1/2

Investigation of InSb Monocrystalline Cleavage
Planes by Means of an Electron Microscope

POL/45-18-4-2/8

sheet was obtained by an imprinting method. Figures 1 - 17 show the change in structure of cleavage steps and slip bands in the glide plane. According to Mott and Nabarro (1948), the gliding is due to dislocations caused by different treatment of the crystal. Kochendörfer (1938) ascribes them to different kinds of structure defects. According to the relationship between cleavage steps and dislocations as well as in view of the possibility of observing slip bands on the cleavage plane, examination of those planes may offer a method of examining defects in monocrystals of several important semiconductor materials. The authors thank Professor Doctor L. Sosnowski for his stimulating discussion. There are 17 figures and 9 references.

ASSOCIATION: Institute of Physics of the Polish Academy of Sciences, Warsaw
SUBMITTED: November 15, 1958

Card 2/2

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GORSKI, Leszek, mgr.inz.

Problems of the regional and stationary organization of
electric power distribution in the light of studies on power
utilization. Energetyka Pol 16 no.7:193-196 J1 '62.

GORSKI, Ludwik, dr

Winning value of engine oils and ways of evaluation. Nafta
Pol 19 Special issue:52-59 19-26 Je '63.

1. Centralne Laboratorium Technologiczne Nafty, Uniwersytet,
Warszawa.

POLAND/Nuclear Physics - Installation and Instruments.
Methods of Measurement and Research

C

Abs Jour : Ref Zhur Fizika, No 10, 1959, 21908

Author : Florkowski, Tadeusz; Gorski, Ludwik

Inst : -

Title : Sintillation Counter of Type LS-1/58

Orig Pub : Nukleonika, 1958, 3, No 6, 701-702

Abstract : Description of the construction and technical specifications.

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24(0)

POL/46-4-6-12/19

AUTHOR: Florkowski, Tadeusz; Górski, Ludwik

TITLE: Single-Channel Gamma Spectrometer With Shifting Channel

PERIODICAL: Nukleonika 1959, Vol IV, p 686 - 688

ABSTRACT: Recording gamma spectrometers are applied for measurement of radiation energy and relative activity of radio-isotopes. It is an indispensable tool in activation analysis, in geophysical research, in prospecting and identification of ores of naturally radioactive elements in measurement of radioactive contamination and in bio-chemical and chemical research with help of radioisotopes, or on every occasion when there is a necessity to identify and quantitatively estimate several isotopes mixed together. This spectrometer is fitted on a panel and includes a magnetic stabiliser, high tension feeder, linear intensifier, analyser, integrator and recorder. A

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POL/46-4-6-12/19

Single-Channel Gamma Spectrometer With Shifting Channel

separate, lead screened scintillating counter , is connected with the panel by means of a 2 m long cable. Some of the technical details: A) Crystal-NaJ (Tl); Exit impulses -negative. B) Differentiation time -10 microseconds, Inlet impulse - positive, Range of inlet impulses measurement- 5 - 105 V. Photographic exposure time of spectrum - adjustable in steps within 6 to 60 minutes; Spectrum recording - length 115 mm, width 120 mm. Differentiator capacity 8.5% for 0.661 MeV ^{137}Cs , whilst using small crystal NaJ(Tl). There is 1 graph and 1 drawing.

ASSOCIATION: Akademia Górnictwo-Hutnicza, Kraków; Katedra Fizyki II, Studium Techniki Izotopów Promieniotwórczych (Mining and Metallurgical Academy, Cracow; Chair of Physics II, Radioisotope Engineering Branch).

Card 2/2

20075

POL/046/61/006/003/002/005
D209/D303

21.5300

AUTHORS: Czubek, Jan, Florkowski, Tadeusz, Górski, Ludwik, and Zuber, Andrzej

TITLE: Comparison of spectra obtained for various measurement parameters in a single-channel automatic gamma-ray spectrometer

PERIODICAL: Nukleonika, v. 6, no. 3, 1961, 169-180

TEXT: This paper presents the results of calculations aimed at shortening the time taken in measurements made with continuous recording single-channel spectrometers, and reports an experimental test of them. The authors consider a variation of channel width, l , channel velocity, v , and ratemeter time constant, τ , only, and examine first the effect of these on the apparent position of a photopeak maximum. By describing the true peak shape as a Gaussian, and integrating over channel width, the signal at the ratemeter output is found to be

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D209/D303

Comparison of spectra ...

$$J_3(x) = \frac{e^{-\frac{x}{\sqrt{\tau}}}}{\sqrt{\tau}} \int_{-\infty}^x J_2(z) e^{\frac{z}{\sqrt{\tau}}} dz \quad (4)$$

$$\text{where } J_2(x) = \frac{1}{I} \int_{x-1/2}^{x+1/2} J_1(x) dx = \frac{\sigma\sqrt{2}}{I} \left[F\left(\frac{x + \frac{1}{2}}{\sigma\sqrt{2}}\right) - F\left(\frac{x - \frac{1}{2}}{\sigma\sqrt{2}}\right) \right] \quad (2)$$

$$F(x) = \int_0^x e^{-t^2} dt \quad (3) \quad h^2 = 2\sqrt{2} \ln 2\sigma \quad (6), \text{ } h \text{ being the half-}$$

width of the peak and x the variable in the energy range ($= 0$ at the maximum). Eq. (4) has been numerically integrated for various values of the parameters. From this, further functions $h_3 = f_1(h)$

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Comparison of spectra ...

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and $d = f_2(h)$ are calculated, and are shown in units of $\sqrt{\tau}$ in Fig. 2, h_3 is the apparent half-width of the peak, and d the distance of the true maximum from the beginning of the apparent half-width. The relation between these two for

$\frac{h_3}{\sqrt{\tau}} > 4$ is given by Eq. (8) $\frac{h_3 - 2d}{h_3} = \frac{2\sqrt{\tau}}{h_3}$. So that the value of γ

corresponding to a permissible deformation of the spectrum may be calculated once a value of h_3 has been measured, Eq. (4) is further used to calculate the ratio of the peak height for various v and γ to that obtained for $v = 0$, and $\tau \rightarrow 0$ as a function of h_3 , and this is shown in Fig. 5. Finally, the effect of finite channel width on displacement of the peak maximum is considered, so that to determine the true peak maximum from a measurement, the correction d corresponding to the measured h_3 is first applied, followed

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Comparison of spectra ...

by a further correction equal to half the channel width. The calculations were checked experimentally by measuring with conventional apparatus the displacement of the peak maximum and the ratio of the peak maxima for a moving and a static channel. Over a range of variation of the product $v\tau$ of a factor 20, all the corrected measurements gave values of the energy of a photopeak maximum which lay within the limits of uncertainty due to the channel position. The correction for finite channel width was also checked, but it is pointed out that channel width should always be less than the width across the base of the photopeak. In conclusion, the authors note that while the calculations may find considerable application, their use is restricted to fairly simple spectra, in which the energy peaks are well separated and contrasted with the background. There are 6 figures, and 8 references: 6 Soviet-bloc and 2 non-Soviet-bloc. The references to the English-language publications read as follows: B. Breitenberger: Scintillation Spectrometer Statistics. Progress in Nuclear Physics, Ed. O.R.

Card 4/8

Comparison of spectra ...

20075
POL/046/61/006/003/002/005
D209/D303

Frisch. Vol. 4, London-New York, 1955, Pergamon Press; *Abstractor's note: Breitenberger and Frisch, both mis-spelt in the article;* and J.R. Haskins, Rev.Sci. Instrum. 28, 425, 1957.

ASSOCIATION: Institute of Nuclear Research, Cracow; Academy of Mining and Metallurgy, Cracow.

SUBMITTED: January, 1961

Card 5/8

GORSKI, Lukwik

Some problems of applying thin sodium iodide crystals in gamma-ray spectrometry within the energy range 15-100 keV. Nuklecnika 6 no. 6: 399-408. '61

1. Academy of Mining and Metallurgy, Krakow, 2nd Department of Physics.

GORSKI, Ludwik

Feasibility of the fast neutron activation analysis to the
copper content mination in copper ores. Nukleonika 8 no.6:
421-424 '63.

1. Institute of Radicisotopes Techniques, Academy of Mining
and Metallurgy, Krakow.

5/081/62/000/023/024/120
B158/B180

AUTHOR:

Gorski, L.

TITLE: Possibilities of isotope X-ray sources for quantitative analysis by the fluorescence and X-ray absorption method

PERIODICAL: Referativnyy zhurnal: Khimiya, no. 23, 1962, 177-178,
abstract 23D24 (Pierwaze krajowe sympoz. zastosowan izotopów
techn., Rogów, 8-12 czer., 1960, Warszawa, no. 23, 1961.
[Pol.; summaries in Russ. and Eng.])

TEXT: The article describes a γ -scintillation spectrometer and discusses the possibilities of using various different isotopes in the radiation source. It also considers analytical sphères of application.
[Abstracter's note: Complete translation.]

Card 1/1

POLAND

GORSKI, Ludwik, dr.; LUBECKI, Andrzej, mgr.

Institute of Nuclear Techniques, Academy of Mining
and Metallurgy, (Instytut Techniki Jadrowej Akademii
Gorniczo-Hutniczej), Krakow - (for both).

Warsaw, Chemia analityczna, No 2, March-April 1965,
pp 191-197.

"A rapid method of tungsten determination in steels
by measuring backscattering of beta particles."

87 Lowering operating temperature of an activated carbon
stripping unit nuclear purity role to minimize desorp-
tion of aromatics

See: Ruth Powers, Inc.

Reference: 1956, 12, 16, p. 100

Operating temperature: 100° F.
Desorption of aromatics: 100° F.
70% carbon, 100° F.

Distr: 4E3d

✓ Production of petroleum coke["] of low boron content.
Judek, Gorski and Andrzej Grossman (Inst. Nftowy, Krakow, Poland). Chem. Anal. (Warsaw) 3, 190-6 (1955).
Based on the hypothesis that mineral substances carry B (at least in some extent), it seems possible to obtain pure cokes by pyrolysis of petroleum products. Pyrolysis of motor oil from the Glinnik refinery at atm. pressure gave no pos. results. For this reason, pyrolysis of some petroleum products was carried out at pressures of 40-75 atm. A 500-g. sample was placed in a 1-l. autoclave. The pressure was controlled with the aid of gases evolved during pyrolysis. The conditions of coking (temp. in °C. and pressure in atm.), the yield of coke in %, the content of B in p.p.m., and ash per cents were, resp.: 400, 70, 10, 0.6, and 0.35 for Polish petroleum from Glinnik; 410, 70, 16, 0.2, and 0.25 for petrolatum Barisol from Glinnik; 400, 65, 30, 0.1, and 0.22 for paraffin oil I from Glinnik; 400, 60, 25, 0.1, and 0.17 for paraffin oil II from Glinnik; 400, 60, 33, —, and 0.20 for "minusfiltrat" from Glinnik; 440, 70, 3, 0.8, and — for crude paraffin wax from Glinnik; 400, 60, 47, 0.4, and 0.30 for cresol extract from Glinnik; 360, 40, 50, 0.2, and 0.18 for paraffin-oil extract from Jaslo; 400, 50, 39, 0.3, and 0.18 for paraffin-oil extract from Jaslo; 360, 75, 34, 0.1, and 0.12 for machine oil from crude oil contg. no paraffin from Jedlicze; 410, 75, 30, 0.1, and 0.1 for motor oil from crude oil contg. no paraffin from Jedlicze; and 410, 70, 33, 0.2, and 0.15 for motor oil from oil contg. no paraffin from Jedlicze. Content of B in cokes was detd. spectrographically (cf. Skalska and Held, C.A. 51, 7688d). A comprehensive survey of the literature is given.

Z. K.

5
1

POLAND/Chemical Technology

Application. Chemical Processing of Natural Gases
and Petroleum. Motor and Rocket Fuels. Lubricants.

Abs Jour : Ref Zhur - Khimiya, No 10, 1959, 36425

Author : Gorski, L., Grossmann, A.

Inst :

Title : The Production of Petroleum Coke with a Low Boron Content.

Orig Pub : Nafta (Polska), 1958, 14, No 7, 190-196.

Abstract : Taking into consideration the fact that the B content in graphite, entering into the preparation of atomic reactors, must not exceed 0.00005% by weight, the problems of the analytical determination of B in petroleum coke, employed in the production of this graphite, and also the distribution of B in the ashes and the organic coke mass were examined. Conducted laboratory investigations indicated that: (a) the B content, in tests of Polish and imported coke, fluctuated (on the average) between 0.8 and

Card 1/2

H-131

21.7.200

27156

P/046/80/005/010/005/009
D246/D302

AUTHORS:

Florkowski, Tadeusz, Górska, Ludwik and Jurkiewicz,
Leopold

TITLE:

The use of γ -spectroscopy for analyzing radioactive
fall-out in Cracow

PERIODICAL:

Nukleonika, v. 5, no. 10, 1960, 629-634

TEXT: Fall-out analysis can be carried out by measuring β - and γ - emission after radiochemical separation of the various nuclides, or by γ - spectroscopy of the sample as a whole. Explosions may be dated by measuring the relative activities of various isotopes, and very recent explosions can be detected by the presence of short-lived isotopes. Systematic measurement of activity in atmospheric dust samples provides a picture of the gradual change in the composition and the distribution of the initial radioactive cloud. γ -spectroscopy was employed in the present work in the region 0.13 - 2 MeV, using a Hilger scintillation counter consisting of a 1 3/4" x 2" crystal of NaI coupled optically

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The use of γ -spectroscopy

27256

P/048/60/005/010/005/009
D246/D302

to a photoelectric EM16097F repeater. Impulses from the latter were amplified with an amplifier linear to $\pm 1\%$. Width of the channel was kept at 3.5 v, although this could be varied between 1 and 20 v, and the spectra were measured over 60 minute periods. Both rain and dust samples which showed high β -activity (1200-1600 impulses/min. measured on a counter with a mica window 0.25 mm in diameter and weighing $\sim 2 \text{ mg/cm}^2$) were investigated, showing that the contamination was due to Soviet nuclear tests carried out at the end of 1958. Comparatively high concentrations of ^{141}Ce - ^{141}Pr , ^{144}Ce - ^{144}Pr ($\sim 2.25 \text{ imp./sec}$); ^{103}Ru - ^{103}Rh , ^{129}Te ($\sim 1.4 - 1.5 \text{ imp./sec}$) and ^{95}Zr - ^{95}Nb - ^{95}Mo ($\sim 1.6 - 1.8 \text{ imp./ sec}$) were detected. Repeated measurements 1 month later showed a pronounced decrease in the activity of the ^{103}Ru - ^{103}Rh and ^{129}Te . There are 4 figures and 1 Soviet-bloc reference.

ASSOCIATION: Akademia górnictwo-hutnicza, Kraków, katedra fizyki II
(Academy of Mining and Metallurgy, Cracow, Physics
Department II)

Card 2/3

CHOLEWA, Leon; GORSKI, Ludwik

Delayed sodium fluoresceinate excretion in patients with malignant tumors. Pol. tyg. lek. 17 no.48:1859-1862 26 0 '62.

l. Z I Kliniki Chorob Wewnetrznych AM w Krakowie; kierownik: prof.
dr Leon Tochowicz.
(FLUORESCEINS) (NEOPLASMS)

GORSKI, Ludwik; GRABCZAK, Jerzy

Comparative study on methods of determining sulfur in
organic products using absorption of X and gamma radiations.
Chem anal 8 no.3:415-424 '63.

1. Department of Physics II and Institute of Nuclear
Technology, Academy of Mining and Metallurgy, Krakow.

POLAND

GORSKI, Ludwik, dr; HOLYNSKA, Barbara, dr

Nuclear Engineering Institute, Academy of Mining
and Metallurgy, (Instytut Techniki Jadrowej Akademii
Gorniczo-Hutniczej), Krakow - (for both)

Warsaw, Chemia analityczna, No 2, Mar-Apr 1966, pp
395-401

"Estimating the accuracy of determination of small
amounts of tin in concentrations of zinc, using
radioisotope tracers."

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320018-5

GORSKI, M., prof. dr

Role and tasks of a regional specialist in the field of internship.
Zdrowie pub., Warsz. no.3:175-180 May-June 54.
(EDUCATION, MEDICAL,
*in Poland, internship)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320018-5"

GORSKI, Michal

~~Carcinoids.~~ Polski tygod.lek. 10 no.20:661-663 16 May '55.

1. Z Zakladu Anatomii Patologicznej A.M. w Lublinie; kierownik:
prof.dr med. S. Mahrburg. Lublin, Zaklad Anat.patol.Ak.Med.
(ARGENTAFFINOMA,
appendix, pathol. & surg.)
(APPENDIX, neoplasms
argentaffinoma, pathol. & surg.)

CHIBOWSKI, Daniel: GORSKI, Michal

Neoplastic metastases to the heart. Ann.Univ.Lublin; sec. D 14:
79-86 '59.

1. Z Katedry Anatomii Patologicznej Wydziału Lekarskiego Akademii
Medycznej w Lublinie Kierownik: prof. dr med. Stanisław Mahrburg
(HEART neopl)

CZUCHRA-LYSANOWICZ, Zofia; GORSKI, Michal; KEDRA, Mieczyslaw

The effect of nicotine and caffeine on the development of
arteriosclerosis in rabbits. Ann.Univ.Lublin; sec.D. 14:181-206
'59.

1. Z Katedry I Kliniki Chorob Wewnętrznych Wydziału Lekarskiego
Akademii Medycznej w Lublinie Kierownik: prof. dr med. Mieczyslaw
Kedra i z Katedry Anatomii Patologicznej Wydziału Lekarskiego
Akademii Medycznej w Lublinie Kierownik: prof. dr med. Stanisław
Mahrburg.

(ARTERIOSCLEROSIS exper)
(NICOTINE pharmacol)
(CAFFEINE pharmacol)

CZOCHRA-LYSAMOWICZ, Zofia; GORSKI, Michal; KEDRA, Mieczyslaw

Effect of nicotine and caffeine on the development of atherosclerosis
in rabbits. Polskie arch.med.wewn. 30 no.7:1004-1005 '60.

1. Z I Kliniki Chorob Wewnętrznych Kierownik: prof. dr med. M.Kedra
i z Zakładu Anatomii Patologicznej A.M. w Lublinie Kierownik: prof.
dr med. St. Mahrburg
(ARTERIOSCLEROSIS exper)
(NICOTINE pharmacol)
(CAFFINE pharmacol)

DMOWSKI, Gustaw; GORSKI, Michal

A case of Brill-Symmers disease with thrombocytic hemorrhagic diathesis. Polski tygod. lek. 16 no.40:1541-1546 20 '61.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Lublinie, kierownik: prof. dr Mieczysław Kedra i z Zakładu Anatomii Patologicznej A.M. w Lublinie; kierownik: prof dr Stanisław Mahrburg.

(LYMPHOMA GIANT FOLLICULAR compl)
(HEMORRHAGIC DIATHESIS compl)

GORSKI, Michel

1107

2/2

(continued)

Journal of Neurology, Paediatric, Vol. 19, Ser. 2, No. 4, 1962.

8

7. "Contributions to the Masking Action of Penicillin and Streptomycin in the Child's Clinic," M. M. KUDRIAVSKI; pp. 193-200 (Russian summary).
8. "Case of Primary Cancer of the Prostate," Zdzislaw BOLEBACZ and Michael GOLICK, of the First Clinic of Obstetrics and Gynaecology of the Medical Academy at Lublin (Director Prof. Dr. S. LEBOWICZ, MD) and of the Pathological Anatomy Research Office (Head Prof. Dr. A. KARASZEWSKI), Lublin (Head of Anatomic Pathology Prof. Dr. M. KUDRIAVSKI); pp. 198-201 (Russian summary).

BANKOWSKI, Zbigniew; BICZOWA, Barbara; GORSKI, Michal; KRUS, Stefan;
LEWICKI, Zdzislaw; RUSZCZEWSKI, Zygmunt; STARZYNSKI, Stefan

Behavior of glycogen, fats and nucleic acids in the rat liver in acute
radiation sickness. Pat. pol. 13 no.3:325-336 '62.

l. Z Pracowni Patomorfologii Zakladu Patologii Doswiadczonej PAN w
Warszawie. Kierownik: prof. dr med. L. Paszkiewicz. Kierownik pracowni:
doc. dr med. Z. Ruszczewski.

(RADIATION INJURY EXPERIMENTAL) (LIVER GLYCOGEN)
(LIVER) (NUCLEIC ACIDS) (LIPID METABOLISM)

JABLONSKI, H.; GORSKI, M.

A case of spino-cellular carcinoma in chronic tibial osteitis.
Pol. tyg. lek. 19 no. 41:1577-1578 12 0 '64

1. Z Oddzialu Chirurgicznego Wojskowego Szpitala Rejonowego w Lublinie (Ordynator: Dr. Stanislaw Wisniewski; Kierownik naukowy: doc. dr. med. M. Zakrys) i z Pracowni Anatomopatologicznej Wojskowego Szpitala Rejonowego w Lublinie (Kierownik: dr. Michal Gorski).

TERESZKIEWICZ, Antoni; GORSKI, Michal

A case of leiomyosarcoma of the stomach. Pol. tyg. lek. 20 no.25:
940-941 21 Je '65.

1. Z Oddzialu Chirurgicznego 101 Wyzszej Szkoły Rolniczej w Lublinie (Ordynator: dr. Wisniewski) i z Pracowni Histopat. 101 Wyzszej Szkoły Rolniczej w Lublinie (Kierownik: dr. med. Michal Gorski; Kierownik Naukowy Oddzialu Chirurgicznego: doc. dr. med. Mieczyslaw Zakrys).

GORSKI, Michal

Histochemical and submicroscopic changes in the liver cells
of mice due to dicumarol. Ann. Univ. Lublin sect. D 19:
63-70 '64.

1. Pracownia Mikroskopii Elektronowej AM w Lublinie (Kierownik
nauk: prof. dr. med. Stanislaw Grzycki) i Katedra i Zaklad
Anatomii Patologicznej, Wydzial Lekarski AM w Lublinie (Kierow-
nik: prof. dr. med. Stanislaw Mahrburg).

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CIA-RDP86-00513R000516320018-5

GORSKI, M.

Prof. dr. Jan Grzymala, March 20, 1903-November 3, 1960; an obituary.
Postępy nauk roln 8 no.2:157-158 Mr-Ap '61.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320018-5"

CA GORSKI, Marian

Cholesterol esters and liver diseases. Marian Górski
Uwyl. Poznański, Poznań, Poland). *Polski Med.
Umiejętnosci, Rzeczyw. Wyd-wole Lekarsk.* 7, No. 4, 17
pp. (1940).—In the study of perfused livers, the cholesterol and cholesterol ester contents were detd. colorimetrically (Schoenheimer and Sperry, C.I. 28, 6732).
Although formation of cholesterol takes place outside of the liver, all the esterification occurs in the liver. Therefore, any liver disease decreases the ester content to a greater extent than it would affect the formation of free cholesterol.
I. Z. Roberts

GORSKI, M.

Serum proteins in hyperthyroidism. Polski tygod. lek. 7 no. 47:1541-
1547 24 Nov 1952.
(CLML 24:1)

1. Of the First Internal Clinic (Head--Prof. Marian Gorski, M.D.) of
Gdansk Medical Academy.

GORSKI, M.

ZIDOWO, M., GORSKI, M.

Certain physical properties of blood serum and salted out fractions in pathologic conditions. Polaki tygod. lek. 8 no.44:
1497-1500 2 Nov. 1953. (GIML 25:5)

1. Of the Institute of Physiological Chemistry (Head -- Prof. Włodzimierz Moszlewski, M.D.) and of the First Internal Clinic (Head -- Prof. Marian Gorski, M.D.), Gdańsk. Medical Academy.

GORSKI, Marian

Progress and present state of traumatology and orthopedics of
the jaws. Postepy chir. 2:122-135 1955.

1. Z Kliniki chirurg. stomatolog. AM i z Miejskiego Szpitala
Chirurgii Urazowej w Warszawie. Kierownik Kliniki i Oddzialu
Chirurgii Szczerkowej Szpitala Prof. Dr. M. Gorski.

(JAWS, wounds and injuries,
surg. (Pol))

GORSKI, Marian, MUDr., prof. prednosta kliniky a oddeleni; MINZ,
Tadeusz, M.D. Dr. starsi asistent kliniky

Use of quick polymerizing acrylic resins in treatment of fractures
of the jaw. Cesk. stomat. no.3:106-110 June 54.

1. Z chirurg. stomatol. medic. akademie ve Varsave a celistneho
oddel. nemocnice urazove chirurgii ve Varsave

(JAWS, fractures

surg., use of quick-polymerizing acrylic resins)

(FRACTURES

jaws, surg. use of quick-polymerizing acrylic resins)

(ACRYLIC RESINS

quick-polymerizing, use in surg. of jaw fract.)

GORSKI, Marian

Modification of serum proteins in chronic circulatory insufficiency. Kardiol.polska 1 no:1-2 25-30 1954.

1. Z I Kliniki Chorob Wewnętrznych AM w Gdansku. Kierownik: prof. dr M. Gorski.

(BLOOD PROTEINS, in various diseases,
congestive heart failure)
(CONGESTIVE HEART FAILURE, blood in,
proteins)

GORSKI Marian, Warszawa, Miodowa, 18

Recent progress and current status of plastic surgery of the face.
Czes. stomat. 7 no.11:421-430 Nov 54.

1. Z Kliniki Chirurgii Stomatologicznej Akademii Medycznej w
Warszawie. Kierownik: prof. dr. med. M.Gorski
(FACM, surgery
plastic, progr.)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320018-5

GORSKI, Maria

Parenchymatous jaundice. Postepy hig.med.dosw. 9 no.1;3-85 1955.

1. I Klinika Chorob Wewnętrznych AM Gdańsk-Wrzeszcz.
(JAUNDICE)
(HEPATITIS)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320018-5"

DEBICKI, Kazimierz; GORSKI, Marian; SOKOL, Stanislaw

Observations on surgical results in the treatment of
constrictive pericarditis. Kardiol. polska 1 no.3-4:
85-87 1955.

I. Z II Klin. Chirurg. AM w Gdansku, Kier. prof. dr.
K. Debicki i z I Klin. Chorob Wewn. AM w Gdansku
Kier. prof. dr. M. Gorski.
(PERICARDITIS, ADHESIVE, surgery.
results (Pol))

GORSKI, MARIAN

GORSKI, Marian

Splinting of fractures of edentulous portions of the mandible.
Czasopismo stomat. 8 no.7:267-276 Jy '55.

1. Z Kliniki Chirurgii Stomatologicznej A.M. w Warszawie, Kierownik: prof. dr M. Gorski, Warszawa, Miodowa 18.

(MANDIBLE, fractures,

 splinting)

(FRACTURES,

 mandible, splinting)

GORSKI, Marian.

Trial transplantation of spongy chips from the crest of the ilium into the infected caries of the mandible. Czas.stomat. 8 no.9:359-366 Sept. 1955.

l. z Kliniki Chirurgii Stomatologicznej A.M. w Warszawie.
Kierownik: prof. dr. med. M.Gorski. Warszawa, ul. Miodowa 18.

(BONE TISSUE, transplantation
spongy chip implants from crest of ilium into infected caries of mandible)

(MANDIBLE, surgery
spongy bone chip implants from crest of ilium into infected caries)

(ILIUM, surgery
crest, spongy chip implants into infected caries of mandible)

GORSKI, Marian

Mixed tumors of the salivary glands. Otolar. polska 10 no.2:
113-120 1956.

1. Z Kliniki Chirurgii Stomatol. AM w Warszawie Kier.: prof. dr.
med. M. Gorski, Warszawa, Miodowa 18, Klinika Chirurgii Stomatolog.
(MIXED TUMORS, SALIVARY
(Pol))

39 cases of mixed salivary gland tumors are reported. In
32 cases the tumor was located in the parotid gland, in 1
case, in the sublingual gland, in 4 cases - in the palate
and, in 2 cases, in the maxillary sinus. The clinical
pictures and histological structures of the tumors are
described.

GORSKI, Marian

Modification of blood serum in certain diseases of the kidneys.
Polskie arch. med. wewn. 26 no.8:1181-1183 1956.

(KIDNEY DISEASES, blood in,
proteins (Pol))
(BLOOD PROTEINS, in various diseases,
kidney dis. (Pol))

GORSKI, Marian

Studies on blood proteins in acquired hemolytic anemia.
Polskie arch.med. wewn. 26 no.11:1717-1719 1956.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Gdansku
Kierownik: prof. dr. med. M. Gorski, Gdańsk, ul.
Curie-Skłodowskiej 4.

(ANEMIA, HEMOLYTIC, blood in,
proteins in acquired (Pol))

(BLOOD PROTEINS, in various diseases,
hemolytic anemia, acquired (Pol))

GORSKI, Marian

Etiology and epidemiology of Botkin's disease. Pediat. polska
31 no.5:549-557 May 56.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Gdańsku, Kierownik:
prof. dr. med. M. Gorski, Gdańsk, Debinki 7, I Klin. Chor. Wewn.
A.M.

(HEPATITIS, INFECTIOUS,
epidemiol. & etiol. (Pol))

GORSKI, Marian; BIELAWSKI, W.; BOCHOWSKA, S.; NIEMIRO, R.; RAJPERT, H;
TYMCZESKA, B.; ZAGAJSKA, T.; (przy wsopludziale asystentki
technicznej A. SWIDERSKIEJ).

Research on water-mineral metabolism in liver cirrhosis. Polskie
arch. med. wewn. 28 no.4:579-583 1958.

1. Z I Klinik Gabinet Naukowych A.M.G. Dyrektor; prof. dr med.
Gorski. Adres autora: Gdańsk, Wrzeszcz, Curie-Skłodowskiej 4.

(LIVER CIRRHOSIS, metab.

water-mineral metab. (Pol))

(BODY FLUID BALANCE, in various dis.

water-mineral metab. in liver cirrhosis (Pol))

GORSKI, Marian

Clinical aspects of infectious hepatitis with special reference to physiopathology. Przegl. epidem., Warsz. 13 no.1:23-32 1959.

(HEPATITIS, INFECTIOUS, physiol.
(Pol))

GORSKI, Marian; WORCHOWICZ, Halina

Acquired agammaglobulinemia. Polski tygod. lek. 14 no.9:390-394
2 Mar 59.

1. Z I Kliniki Chorob Wewnętrznych A. M. w Gdansku; kierownik: prof.
dr med. M. Gorski. Adres: Gdańsk, ul. Dębnik 7.
(AGAMMAGLOBULINEMIA, etiol. & pathogenesis,
stomach polypi (Pol))
(STOMACH NEOPIASMS, compl.
polypi causing agammaglobulinemia (Pol))
(POLYPI, compl.
stomach, causing agammaglobulinemia (Pol))

GORSKI, Marian, prof. dr (Gdansk)

Etiological relationships between viral hepatitis and liver cirrhosis.

Prezegl. epidem. 16 no.2:243-244 '62.

(HEPATITIS INFECTIOUS etiol) (LIVER CIRRHOSIS etiol)

GORSKI, Marian; WOJTOWICZ, Mikolaj

Diagnosis and surgical indications in constrictive pericarditis.
Pol. tyg. Iek. 17 no. 33:1293-1296 13 Ag '62.

1. Z I Kliniki Chorob Wewnetrznych AMG; kierownik: prof. dr M. Gorski.
(PERICARDITIS)

GORSKI, Marian; BUHLEWSKA, Barbara

Hepatic coma. Pol. arch. med. wewnet. 32 no.6:613-619 '62.

l. Z I Kliniki Chorob Wewnętrznych AM w Gdańsku Kierownik: prof. dr
med. M. Gorski.

(HEPATIC COMA)

GORSKI, Marian; KASZEWSKA-JABLONSKA, Irena

A cholestatic form of viral hepatitis. Pol. arch. med. wewn. 32
no.9:1167-1174 '62.

1. Z I Kliniki Chorob Wewnetrznych AM w Gdansku Kierownik: prof. dr
med. M. Gorski.
(HEPATITIS INFECTIOUS) (JAUNDICE OBSTRUCTIVE)

GORSKI, Marian

Clinical aspects of liver cirrhosis. Pol. arch. med. wewn. 32 no.11:
1389-1398 '62.

l. Z I Kliniki Chorob Wewnętrznych AM w Gdańsku Kierownik: prof. dr
med. M. Gorski.

(LIVER CIRRHOSIS)

POLAND

ROMANSKI, Bogdan, Consulting Clinic for Allergic Diseases (Poradnia Chorob Alergicznych) of the First Clinic of Internal Diseases (I Klinika Chorob Wewnętrznych) (Director: Prof. Dr. M. GORSKI) in Gdańsk

"Bronchial Asthma Due to Allergy to Mushroom Spores. Report of Three (3) Cases."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 18, 29 Apr 63, pp 625-627.

Abstract: [Author's English summary] The author describes the symptoms of allergization to mushrooms (Fungi imperfecti Phycomycetes) and cites three cases. In one, the paroxysm of bronchial asthma appeared only in the summer, whereas in the other two it occurred independently of the season, and only at the patients' homes. The skin tests with fungi extracts were positive, and specific desensibilization was successful. There are 12 references, of which three (3) are Polish, seven (7) are in English, and one (1) each in French and German.

1/1

GORSKI, Marian

Diagnostic principles in jaundice. Pol. przegl. chir. 35
no. 7/8:687-694, '63.

(JAUNDICE) (HEMOGLOBIN) (BILIRUBIN)
(METABOLISM) (CLASSIFICATION)
(DIAGNOSIS)

GORSKI, Marian

Results of the operative treatment of the ankylosis of the
temporo-mandibular joint. Pol. przegl. chir. 36 no. 9s1061-1067
S '64

I. Z Kliniki Chirurgii Stomatologicznej Akademii Medycznej w
Warszawie i z Oddziału Chirurgii Szczekowej Miejskiego Szpitala
Chirurgicznego Urazowej (Kierownik Kliniki i ordynator Oddziału:
prof. dr. M. Górska).

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516320018-5

GORSKI, Marian, prof. dr. med.; LAWINSKA-STANKIEWICZOWA, Stanislawa;
BIELAWSKI, Włodzimierz

Liver function in obesity. Pol. arch. med. wewnetr. 35 no.3:313-
318 '65.

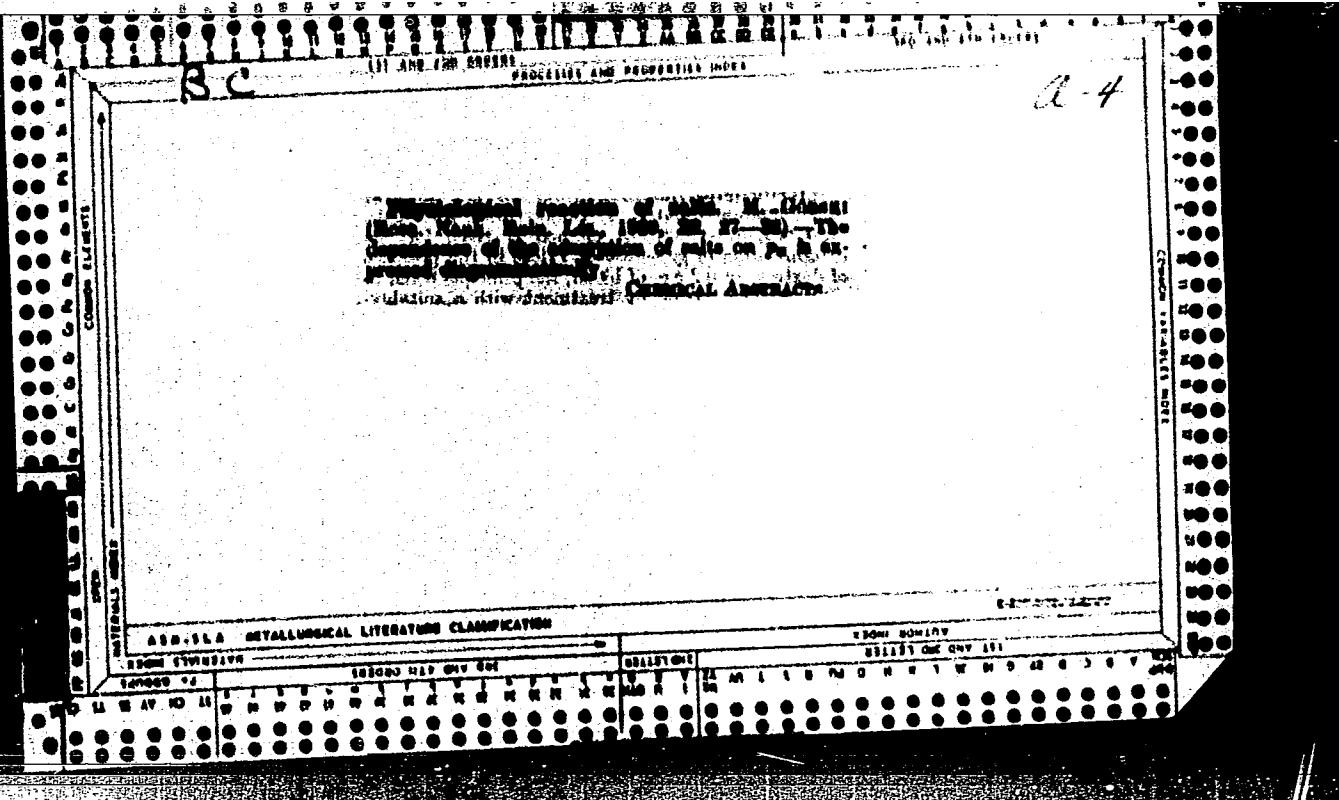
1. Z I Kliniki Chorob Wewnętrznych AMG (Kierownik: prof. dr.
med. M. Górska).

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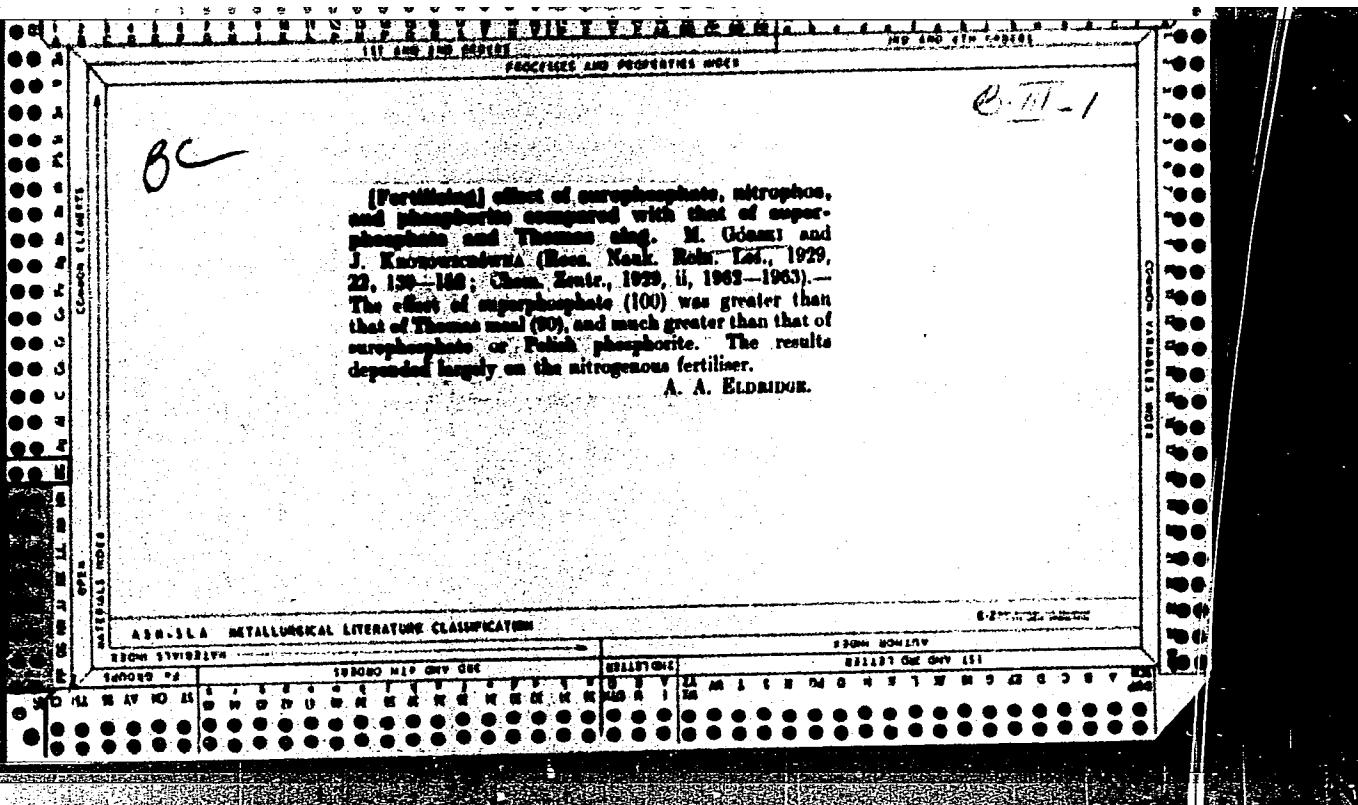
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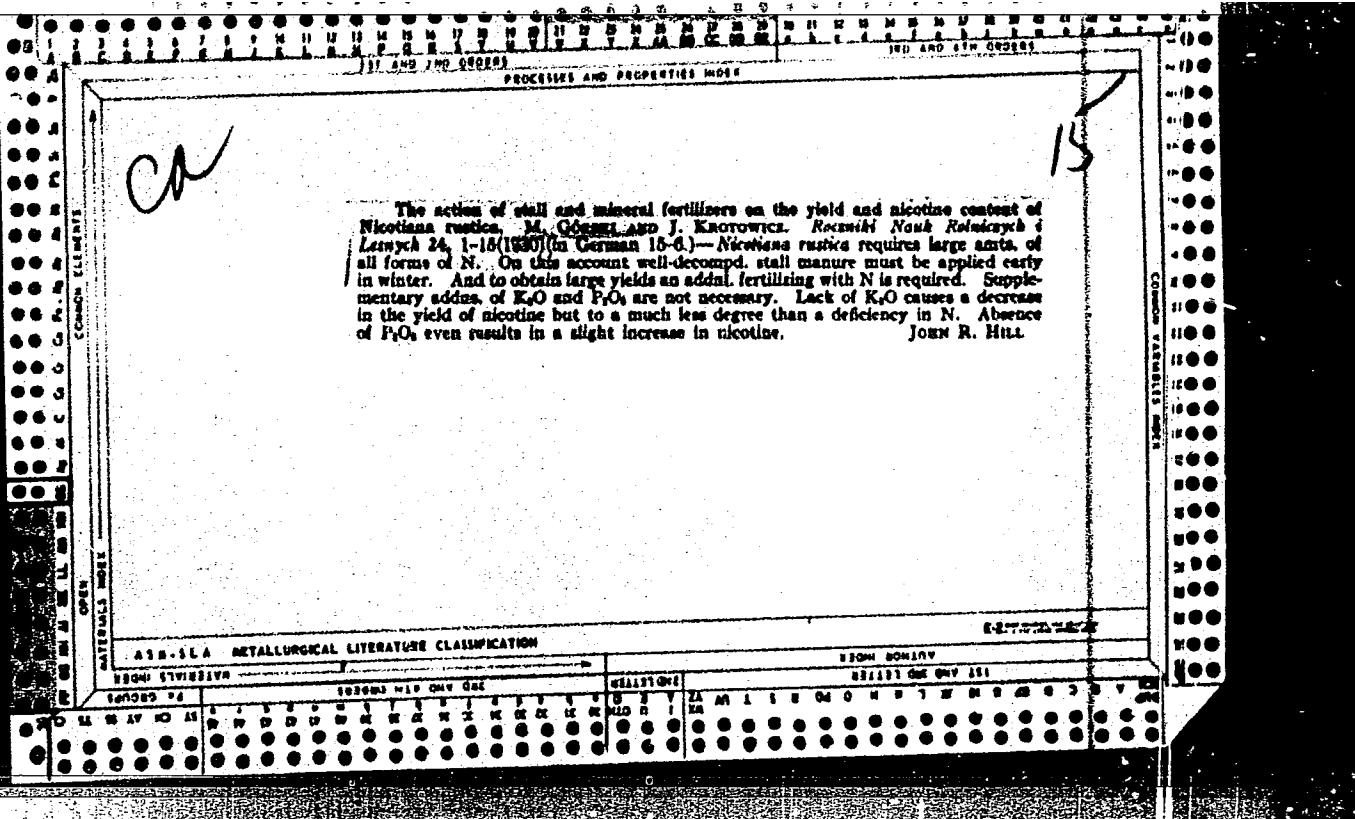
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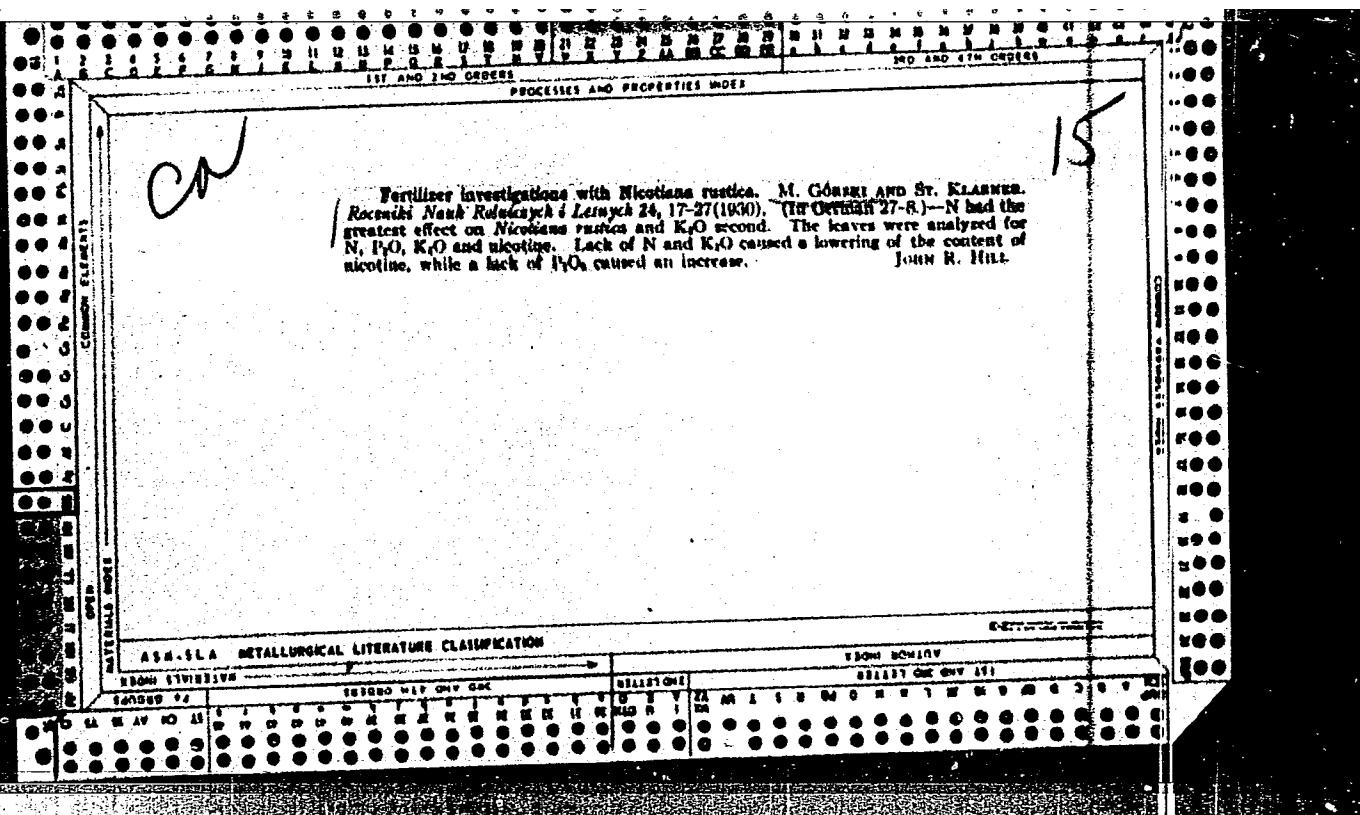


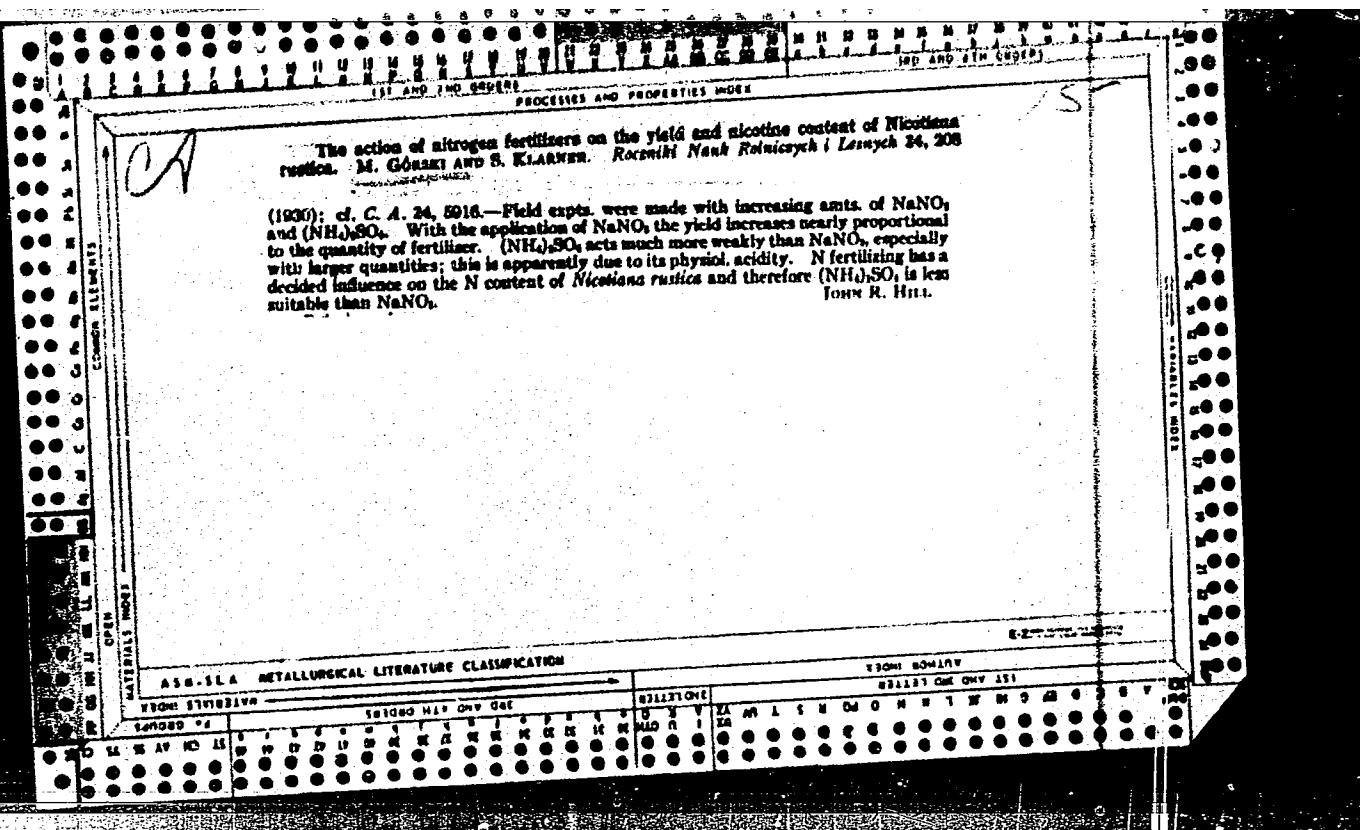
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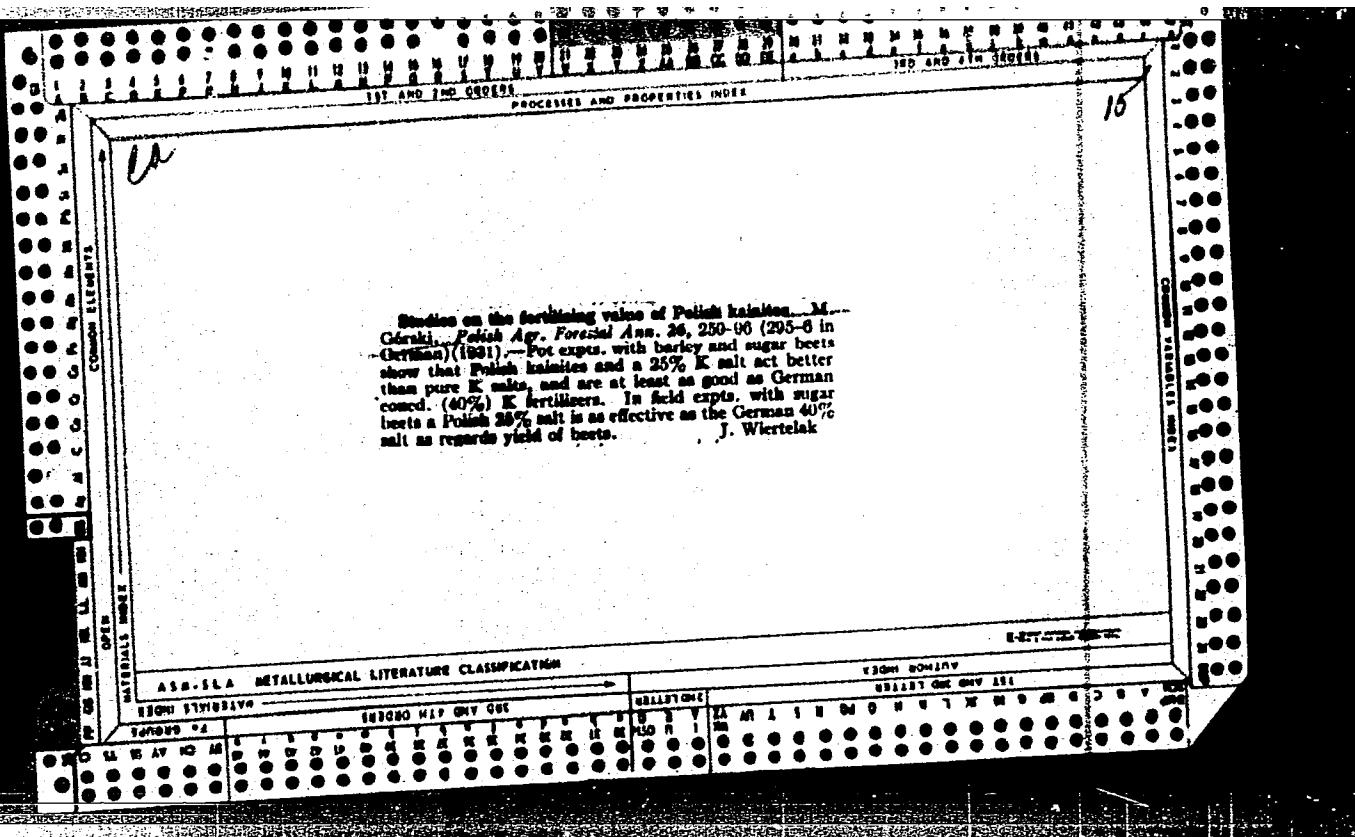
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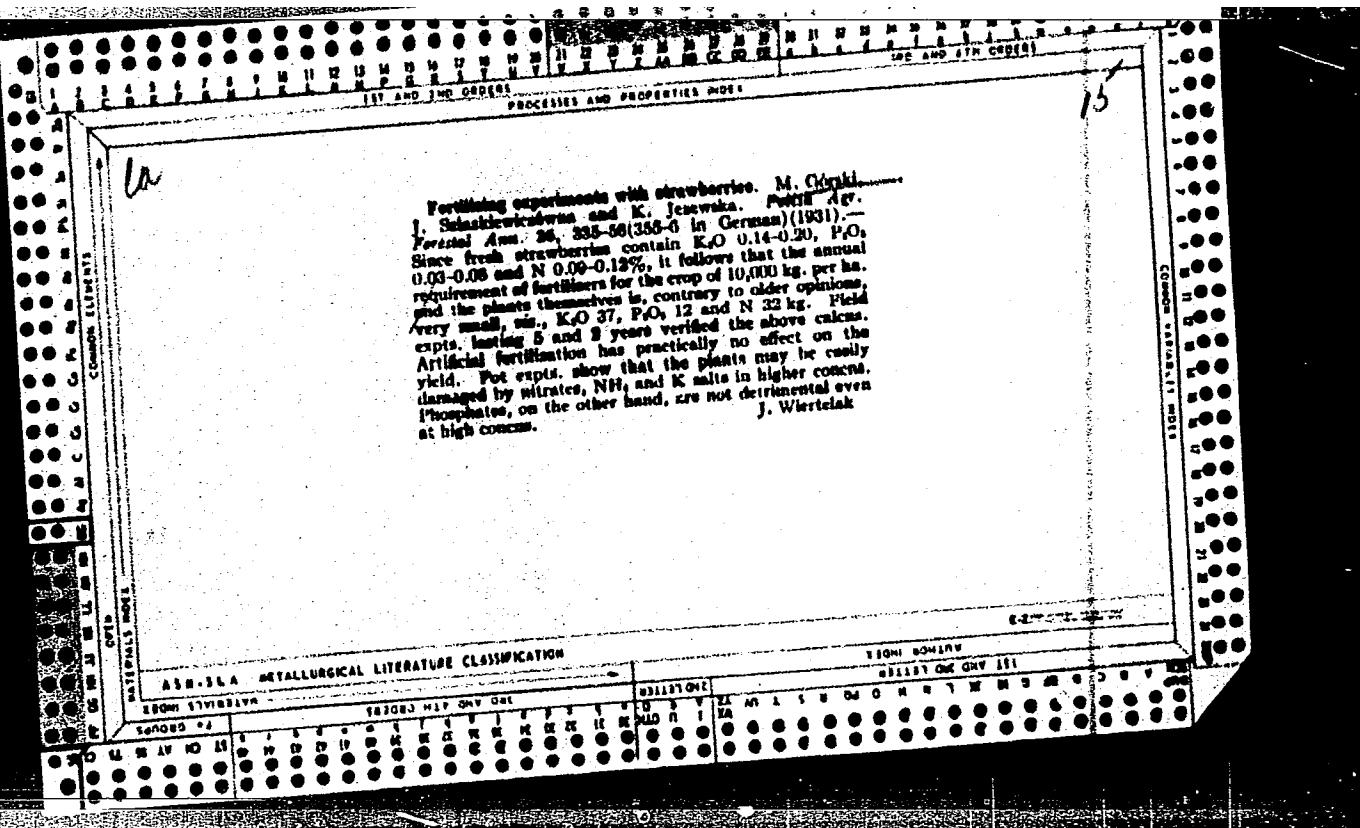


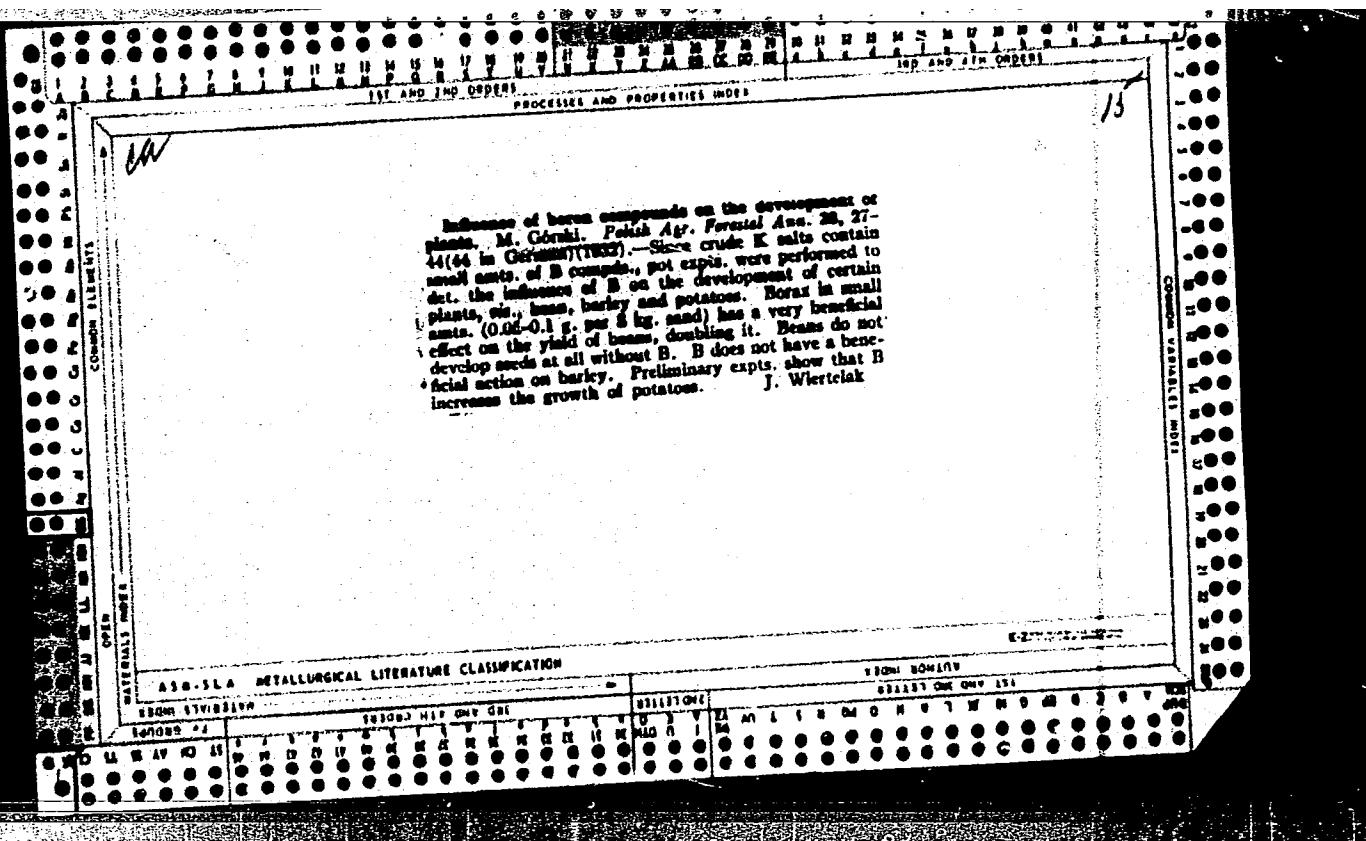


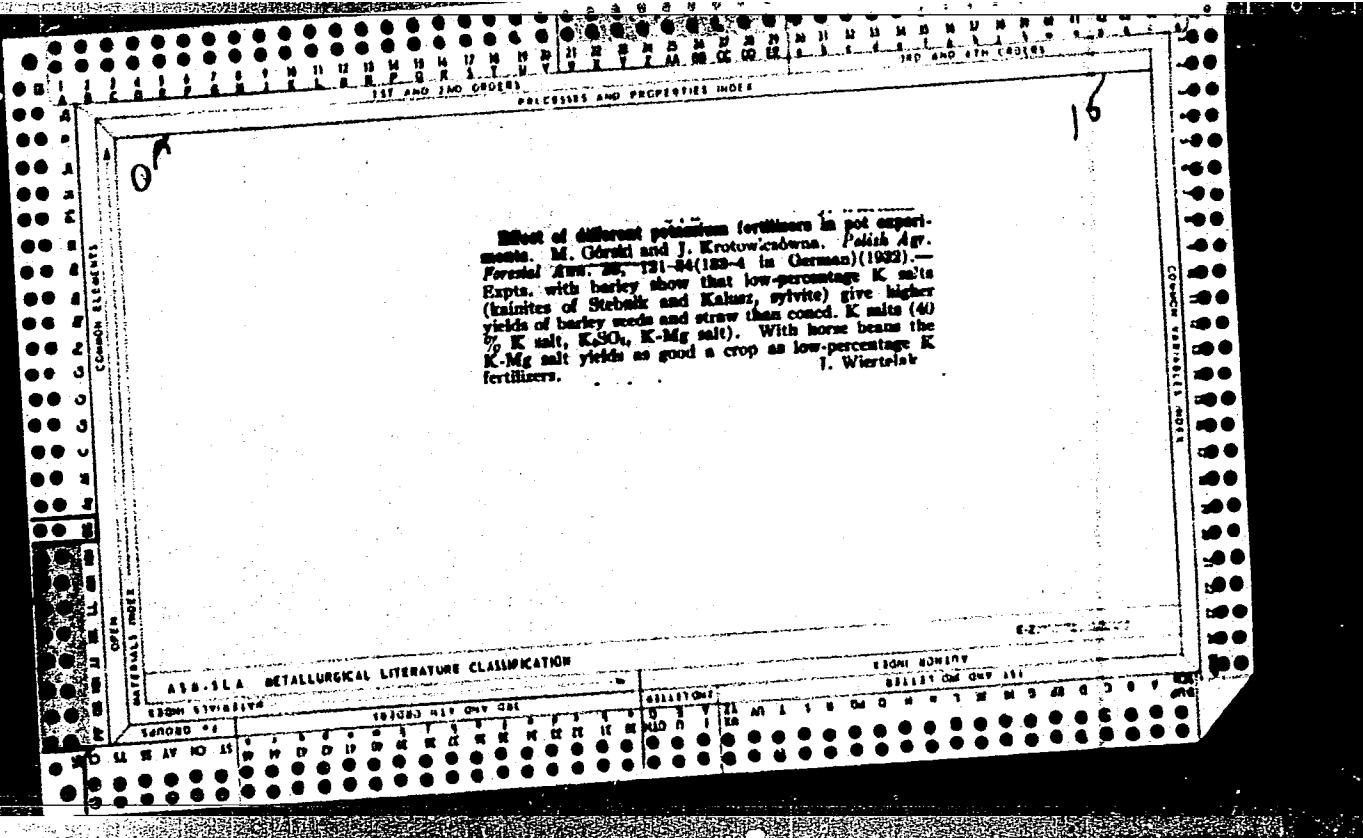


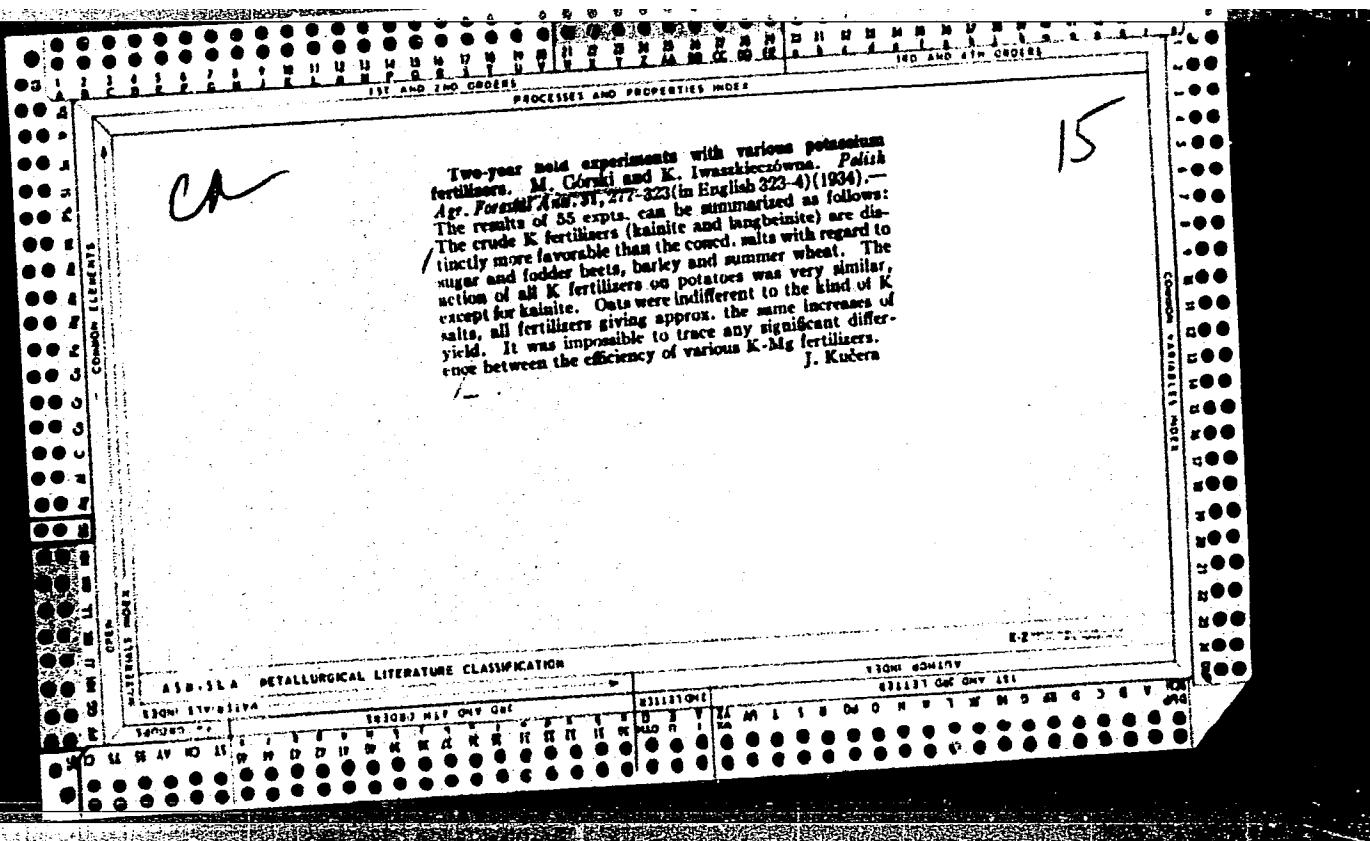


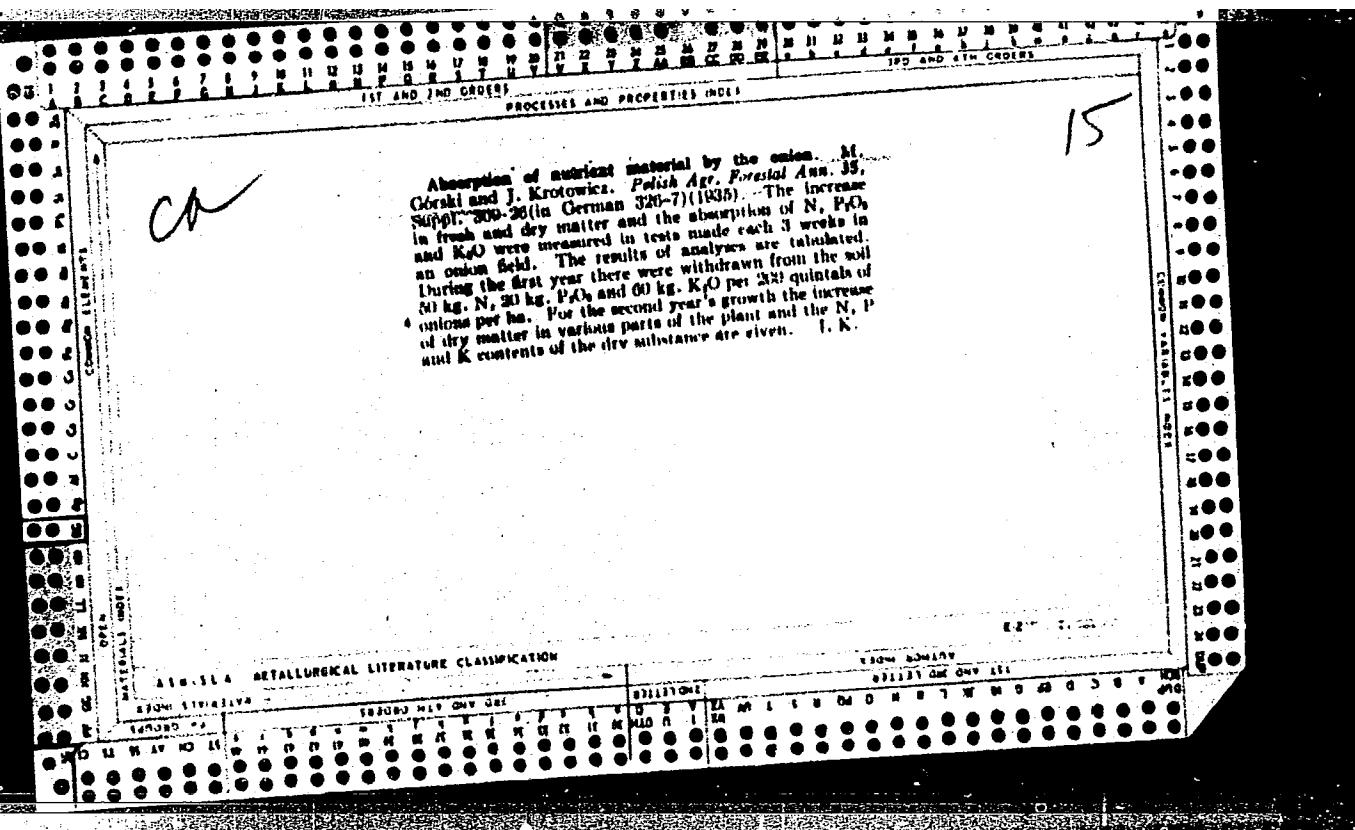












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PROBLEMS AND EXPERIMENTS WITH
A comparison of the application of calcium cyanamide
as top dressing and before sowing. M. Gajewski
Chmielewski and K. Salom. *Prace nad Ziemią*, Vol. 11
No. 1, 126; *Uprawa Rollin i Naukowe* B, 20-2(1951).
Field expts. were performed with barley and oats. Each
of these expts. consisted of the following combinations:
(1) PK, without N, (2) PK + oilseed CaCN₂, before sow-
ing, (3) PK + oilseed CaCN₂, as top dressing, (4) PK +
oilseed CaCN₂ as top dressing. In the expts. with barley
as well as in those with oats, the application of CaCN₂
as top dressing destroyed about 50% of the weeds; at the
same time, however, it lowered the yield of the seeds about
20%.

Edward A. Ackermann

APPENDIX 4 METALLURGICAL LITERATURE CLASSIFICATION

Top-dressing with potash in pot experiments. M. Górska and J. Krotowickówna. *Polish Agr. Forest Ann.* 49, 21-63 (in German 83-4) (1938).—Expts. over a 3-yr. period showed that K_2O could be applied to barley 4 weeks after the plant was up without decreasing the yield and with only slight retardation of ripening. Under the influence of later applications, the yields decreased while the percentage of K in the plant increased; this showed that that the K uptake was not properly utilized by the plant. Expts. with oats over a 2-yr. period were similar to those with barley except that the K fertilizer could be applied even later than 4 weeks after the plants were up. The greater utilization of nutrients, especially K, by oats explains why this plant shows less evidence of K deficiency as compared with barley. With turnips, the K fertilizer could be applied 3 weeks after the plants were up; with horse beans, 8 weeks. John D. Hartley

